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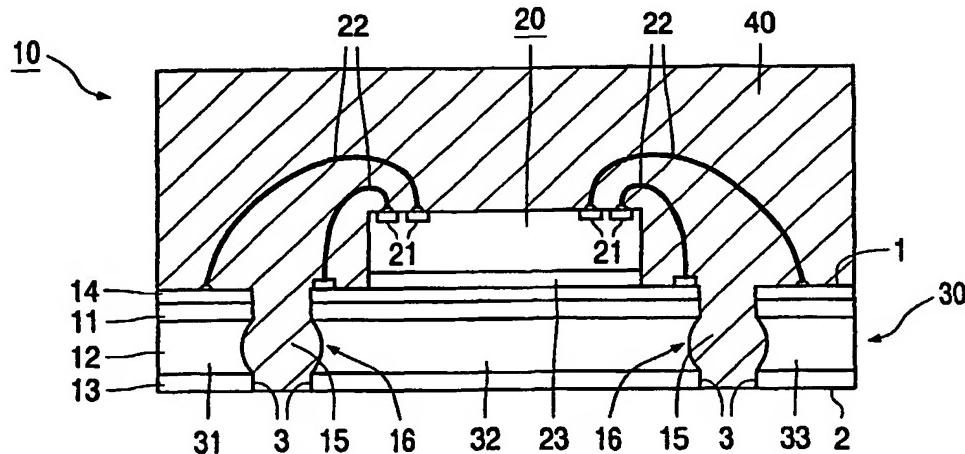
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(54) Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME



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(57) Abstract: The semiconductor device (10) comprises a carrier (30) and a semiconductor element (20), such as an integrated circuit. The carrier (30) is provided with apertures (15), thereby defining connecting conductors (31-33) having side faces (3). Notches (16) are present in the side faces (3). The semiconductor element (20) is enclosed in an encapsulation (40) that extends into the notches (16) in the carrier (30). As a result, the encapsulation (40) is mechanically anchored in the carrier (30). The semiconductor device (10) can be made in a process wherein, after the encapsulating step, no lithographic steps are necessary.

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## INTERNATIONAL SEARCH REPORT

Int'l Application No

PCT/IB 03/01421

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H01L23/31 H01L21/48

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## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 1 187 205 A (SANYO ELECTRIC CO) 13 March 2002 (2002-03-13) the whole document	1-5,7,10
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A		7,10-12
X	PATENT ABSTRACTS OF JAPAN vol. 0090, no. 69 (E-305), 29 March 1985 (1985-03-29) & JP 59 208756 A (SONY KK), 27 November 1984 (1984-11-27) abstract; figures 2,4	1
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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